

WEST Search History

DATE: Monday, May 20, 2002

Set Name **Query**
side by side

Hit Count **Set Name**
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L2 polyhexamethyleneguanidine same phosphate

5 L2

L1 polyhexamethyleneguanidine adj2 phosphate

5 L1

END OF SEARCH HISTORY

End of Result Set



Generate Collection

L3: Entry 9 of 9

File: DWPI

Oct 30, 1991

DERWENT-ACC-NO: 1992-266496
DERWENT-WEEK: 199232
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TITLE: Disinfecting agent - contains aq. soln. of poly-hexa:ethylene-guanidine
gluconate used as active component to improve properties

INVENTOR: GEMBITSKII, P A; POLIKARPOV, N A ; VIKTOROV, A N

PATENT-ASSIGNEE:

ASSIGNEE	CODE
MEDICAL BIOLOG PROBLEMS INST	MEDIR
PETROCHEM SYNTHESIS INSTINST	PETRR

PRIORITY-DATA: 1989SU-4769327 (December 15, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1687261 A1	October 30, 1991		005	A61L002/16

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
SU 1687261A1	December 15, 1989	1989SU-4769327	

INT-CL (IPC): A61L 2/16; A61L 2/18

ABSTRACTED-PUB-NO: SU 1687261A

BASIC-ABSTRACT:

Use of polyhexamethyleneguanidine gluconate of formula (I) $(-NH-C(=NH-C_6H_1$
207)-NH-(CH₂)₆-)_n as the active component in the disinfecting compsn., improves its
properties. The mixt. contains (in wt.%): (I) 0.5-1.5 and balance water. (I) is
obtd. by dissolving the parent base in 10% aq. Ca gluconate, pptn. Ca with H₂SO₄ and
filtering. Drying the filtrate in vacuum yields (I) in the form of a white solid
material.

USE/ADVANTAGE - Used in the prodn. of disinfecting agents. Tests show that compared
with polyhexamethyleneguanidine.HCl, the cpd. (I) has toxicity, skin irritation, and
corrosivity reduced by 4, 2 and over 30 times respectively. Bul.40/30.10.9

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: DISINFECT AGENT CONTAIN AQUEOUS SOLUTION POLY HEXA ETHYLENE GUANIDINE
GLUCONATE ACTIVE COMPONENT IMPROVE PROPERTIES

DERWENT-CLASS: A97 D22 P34

CPI-CODES: A05-B; A10-E; A12-W12; D09-A01;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1740U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 1276 2022 2198 2207 2318 2370 2378 2386 2394 2396 2509 2589 2672
2673 2675 2701 3194

Multipunch Codes: 014 04- 139 153 231 250 316 359 385 398 402 408 409 417 419 427
516 518 525 526 57- 58& 603 62- 678 724 726

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-119088

Non-CPI Secondary Accession Numbers: N1992-203715

End of Result Set

☐ Generate Collection

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ABSTRACTED-PUB-NO: SU 1687261A

BASIC-ABSTRACT:

Use of polyhexamethyleneguanidine gluconate of formula (I) $(-NH-C(=NH-C_6H_11-2O_7)-NH-(CH_2)_6-)_n$ as the active component in the disinfecting compsn., improves its properties. The mixt. contains (in wt.%): (I) 0.5-1.5 and balance water. (I) is obtd. by dissolving the parent base in 10% aq. Ca gluconate, pptn. Ca with H₂SO₄ and filtering. Drying the filtrate in vacuum yields (I) in the form of a white solid material.

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